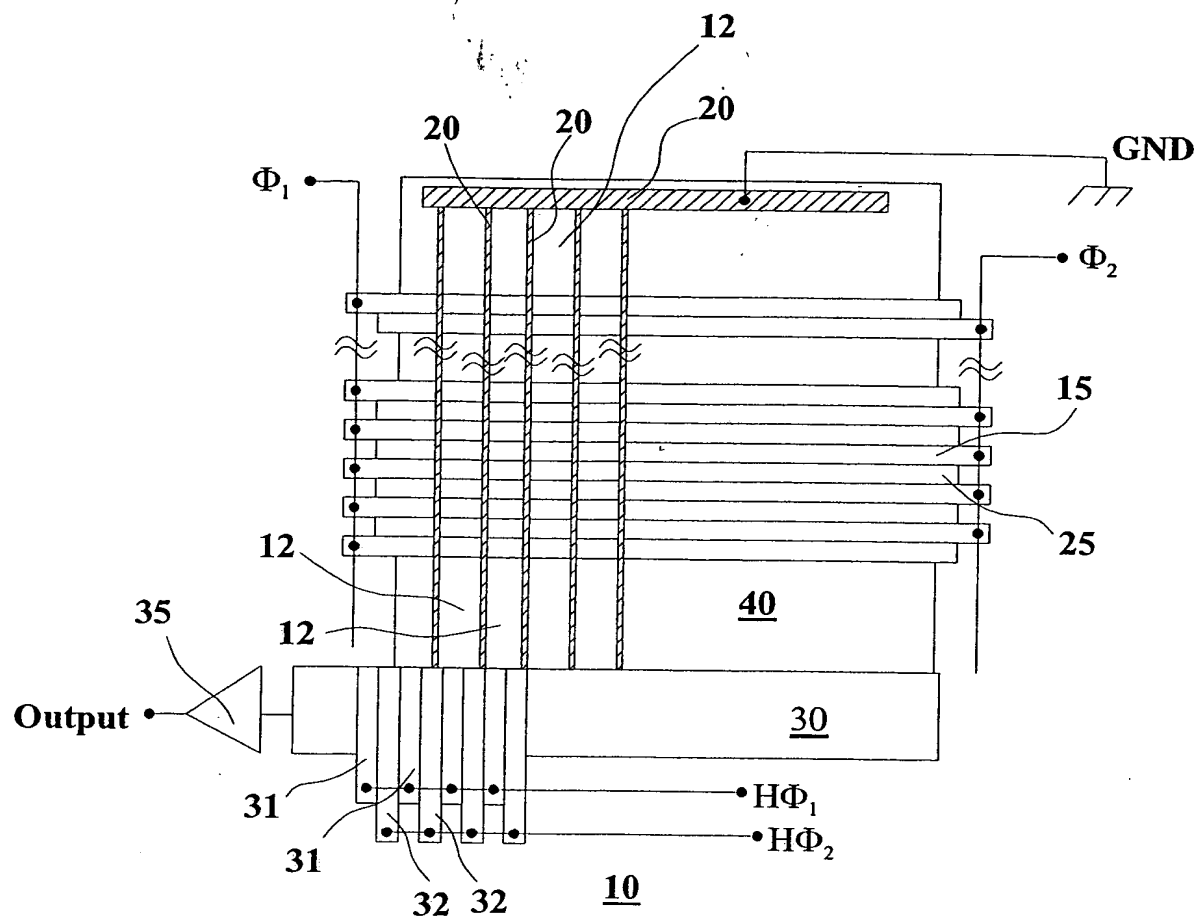


**Fig.1a**



09660105.091200  
002760"50T09960

Fig.1b.

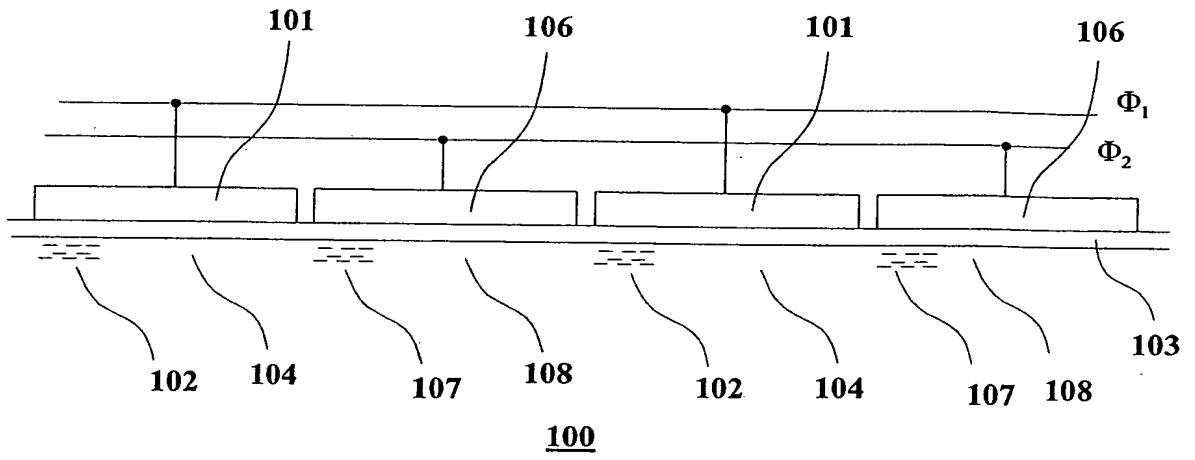


Fig.1c.

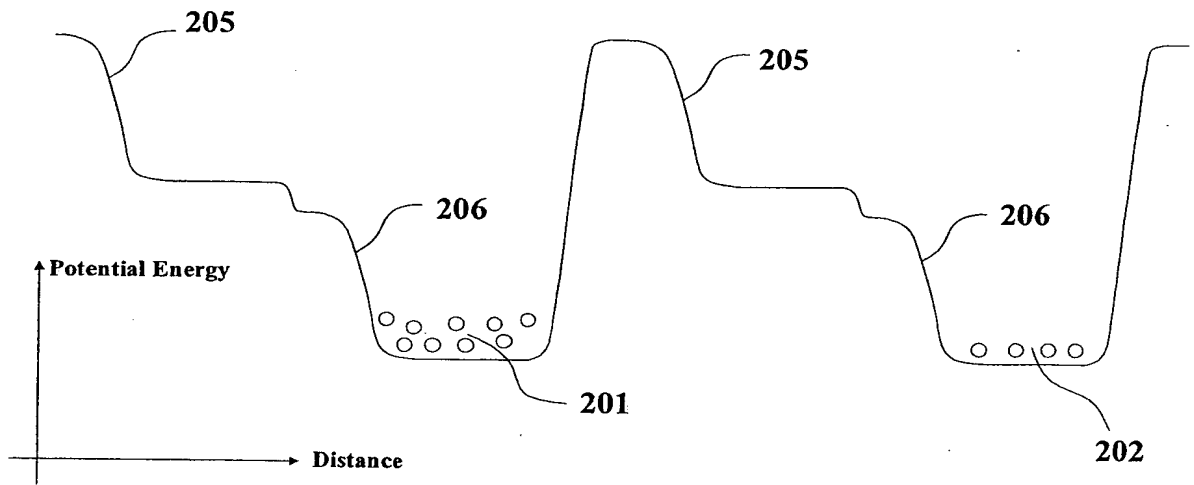
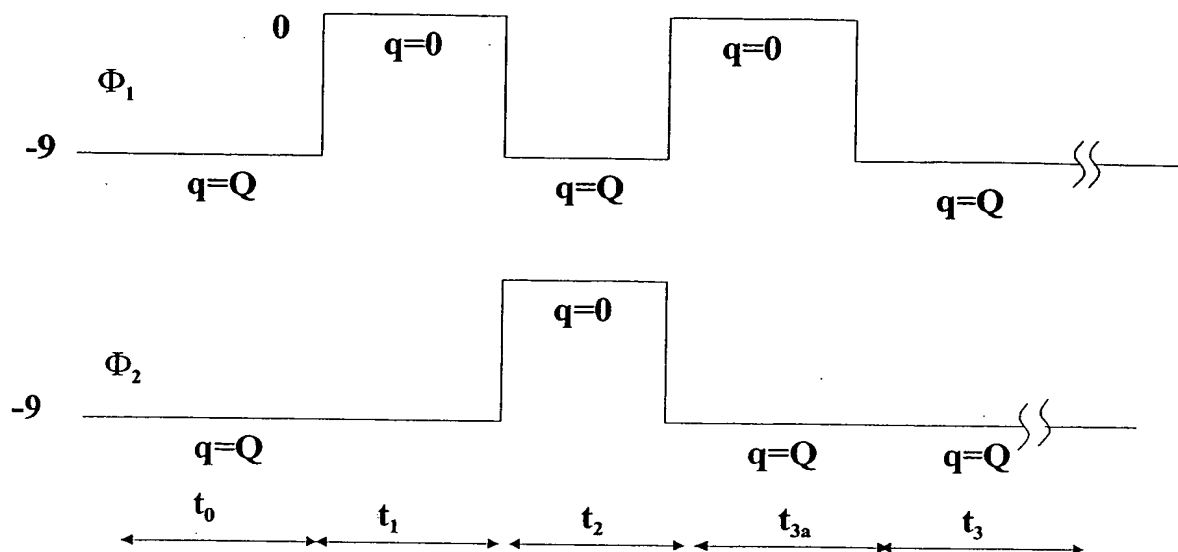


Fig.2a (Prior Art)

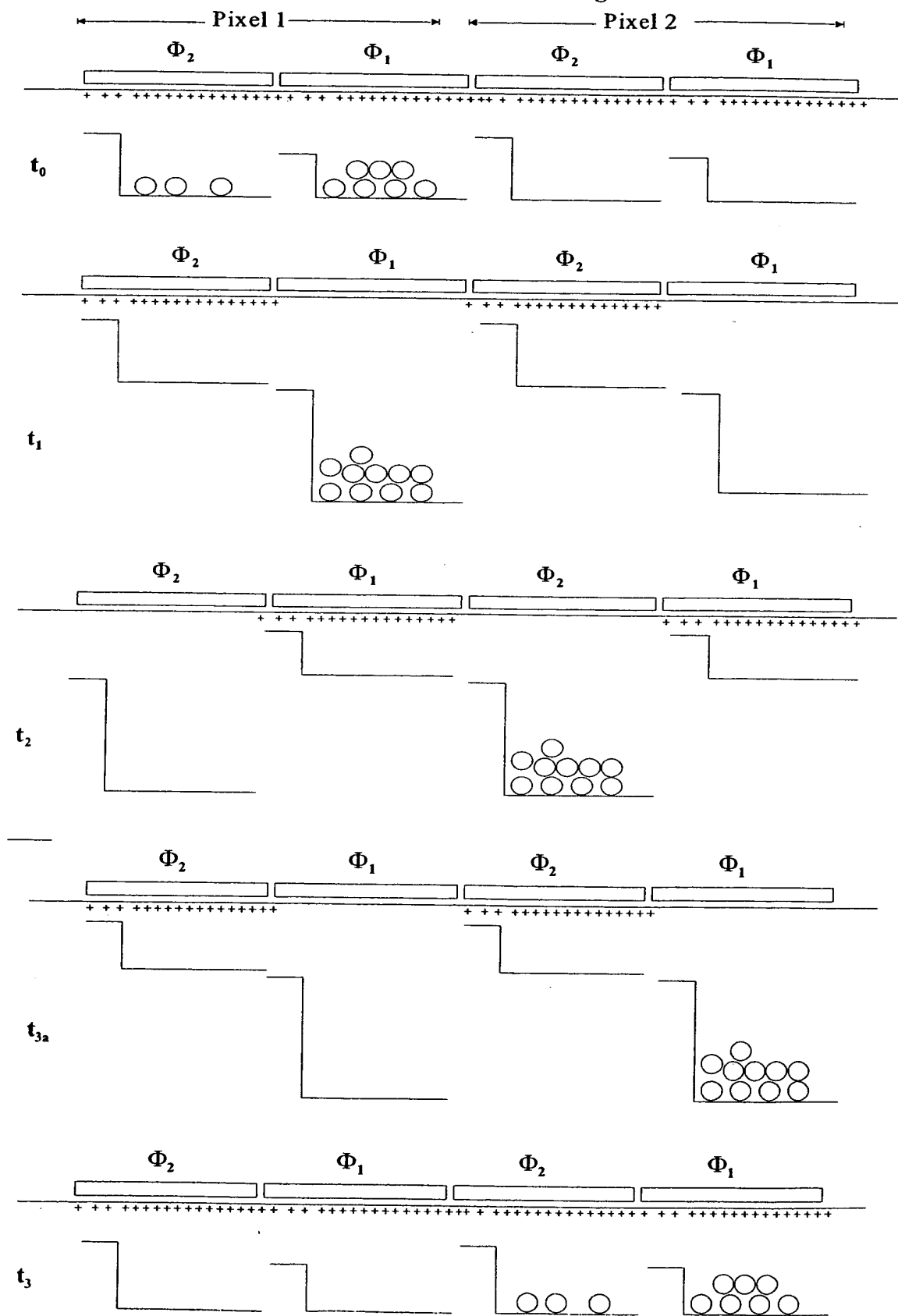
"Spill Backward" Accumulation Mode Clocking



09660105, 091200

Fig.2b (Prior Art)

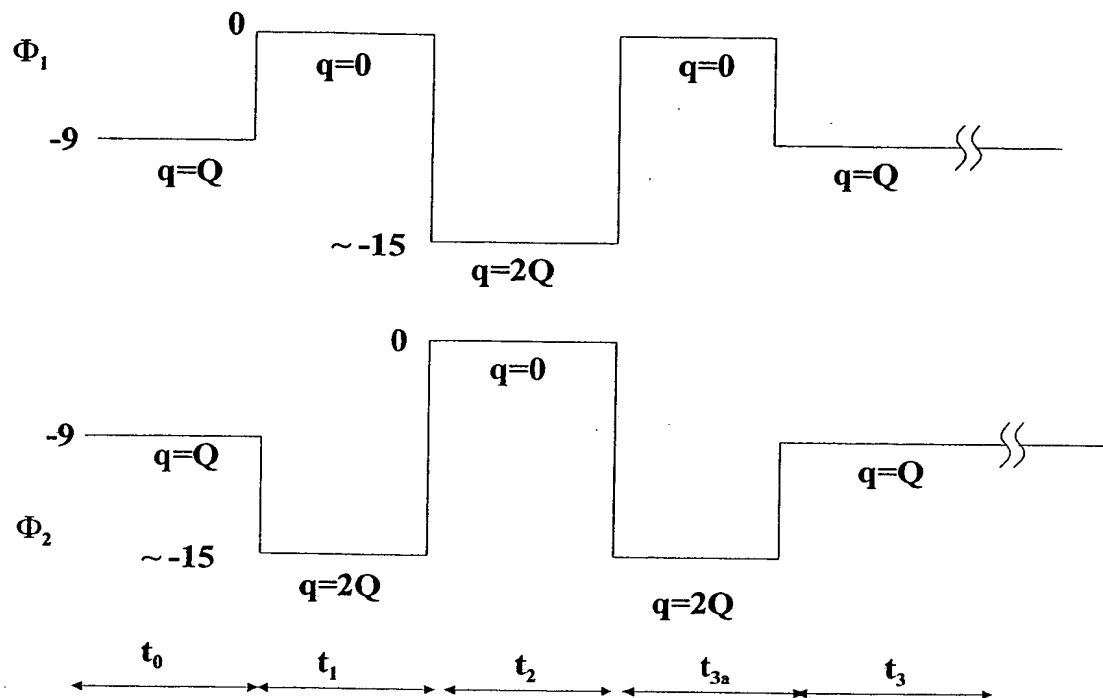
"Spill Backward" Accumulation Mode Clocking



09660105 "091200

Fig.3a

# Improved "Spill Backward" Accumulation Mode Clocking

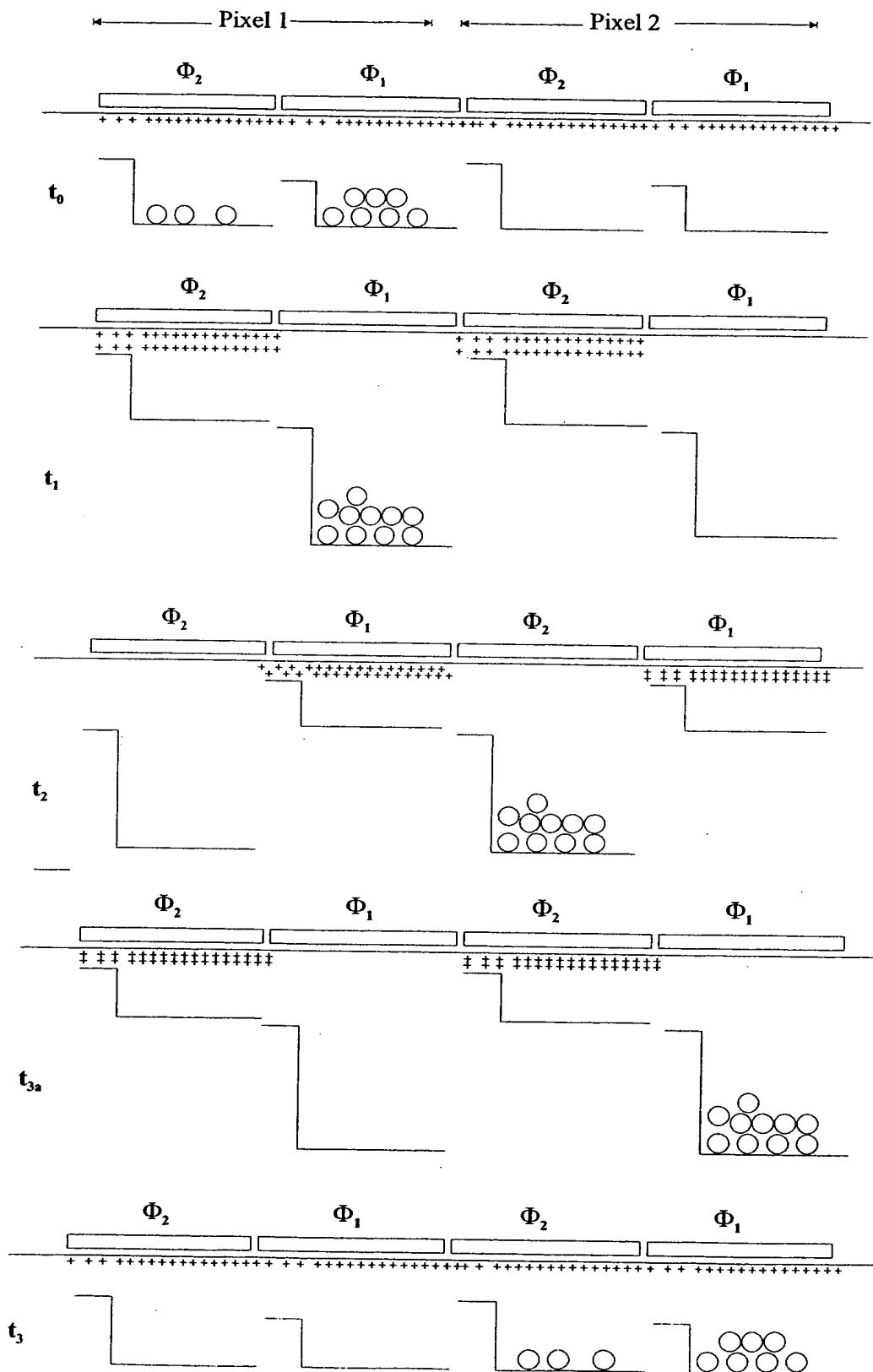


09660105 091200 002150" 50T09950

09660105 "091200

**Fig.3b.**

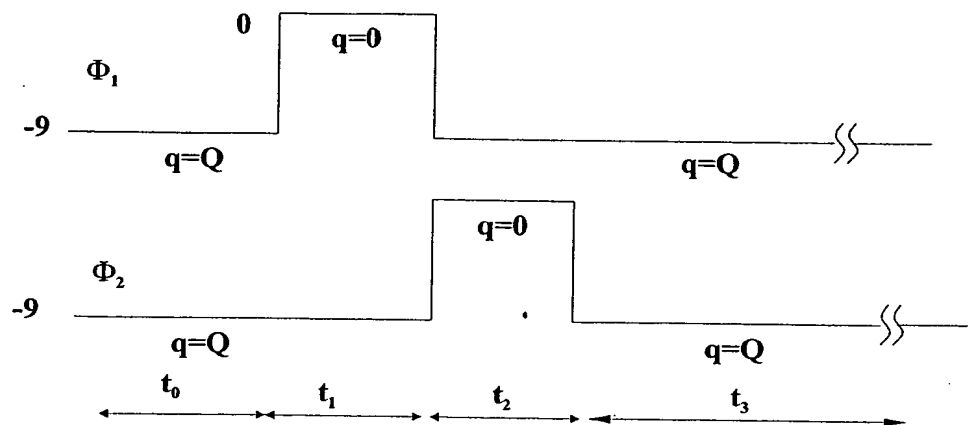
**Improved "Spill Backward" Accumulation Mode Clocking**



002760" 50709950

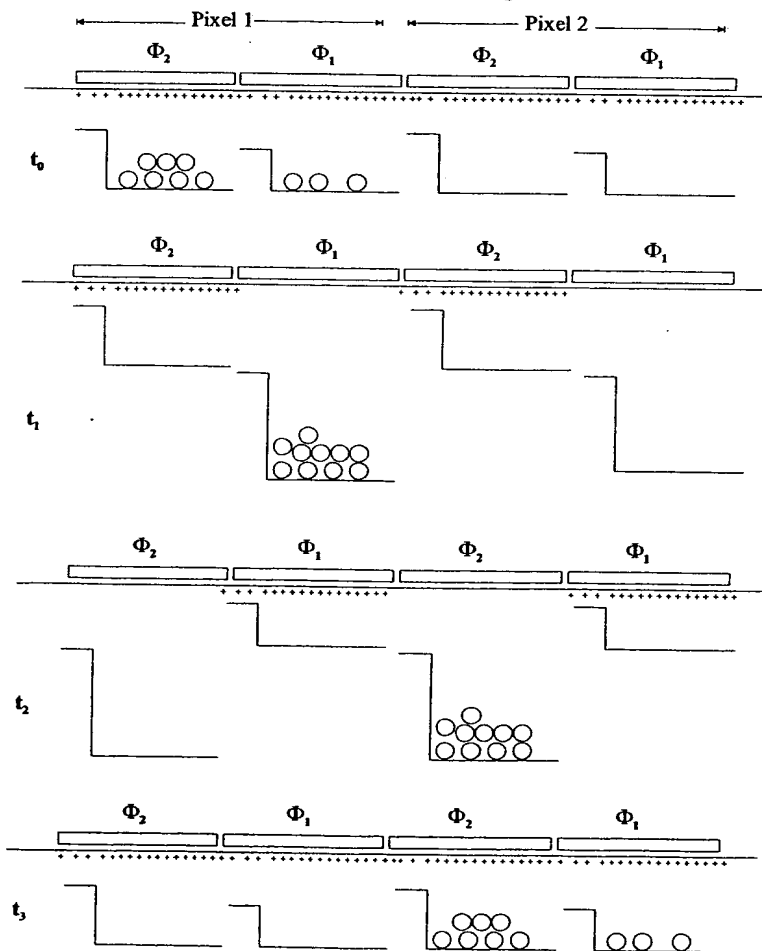
**Fig.4a (Prior Art)**

**"Spill Forward" Accumulation Mode Clocking**

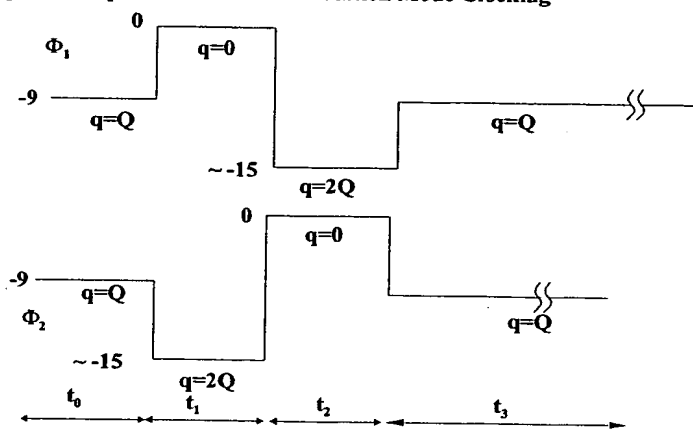


**Fig.4b (Prior Art)**

**"Spill Forward" Accumulation Mode Clocking**

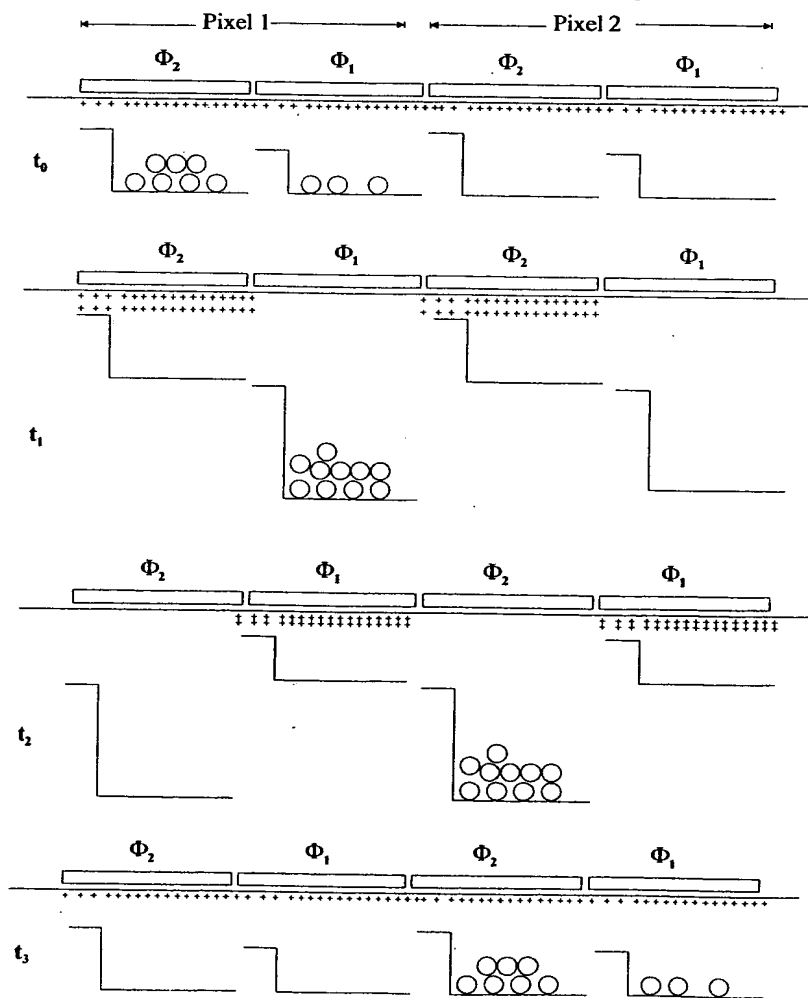


096070 11 09 00



**Fig.5b**

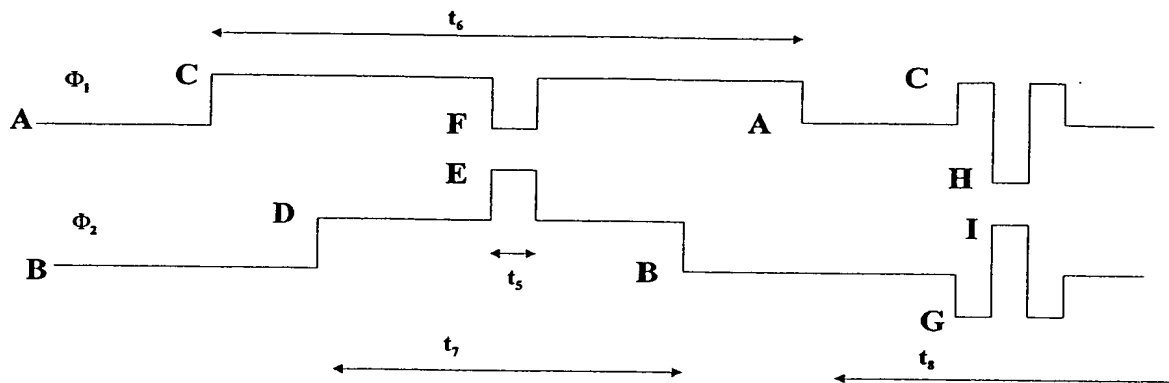
### Improved "Spill Forward" Accumulation Mode Clocking





**Fig.6**

Accumulation Mode Clocking with Photodiode Read-out



**Fig.7.**

